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PATENT

Docket No. M06820 PCT/US

GROUP 1700

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Kazuya Nakata

Examiner: Andrew L. Oltmans

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Serial No.: 09/807658

Art Unit: 1742

PP  
04/04/03

Filed: 08/27/2001

Title: Hydrophilizing agent for metallic material hydrophilizing fluid method of hydrophilizing metallic material and heat exchanger

## CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the Assistant Commissioner for Patents, on the date shown below

April 3, 2003

Date

  
 Signature of certifier

 Mary Lynne Carlisle  
 Printed name of certifier

## REPLY UNDER 37 CFR §1.111

Assistant Commissioner for Patents  
 Washington, DC 20231

Sir:

This paper responds to the Official Action mailed October 3, 2002. A Request for a three-month extension of time is transmitted herewith, accordingly this response is timely filed on April 3, 2003.

AMENDMENT

Please amend the claims as follows:

*B1* 1. (Twice Amended) A hydrophilization agent for metallic material, comprising:

54/07/2002 REINHOLD 0000(A) a hydrophilic polymer having at least one non-ionic functional group selected from the group consisting of primary amide groups, secondary amide groups, tertiary amide groups, hydroxyl groups and polyoxyalkylene groups;

(B) a hydrophilic polymer having at least one ionic functional group selected from the group consisting of sulfonic acid groups, phosphonic acid groups,